



U.S.E HICKSON
15 WALLSEND DRIVE
SCARBOROUGH; M1E 3X6; ONTARIO

PRODUCT: STONE MASON ACRYLI BOND

Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER U.S.E HICKSON PRODUCTS LTD.
..... 15 WALLSEND DRIVE
..... SCARBOROUGH
..... ON
..... CANADA
..... M1E 3X6
PRODUCT NAME..... STONE MASON ACRYLI BOND
PRODUCT USES..... CEMENT MODIFIER.
CHEMICAL FAMILY..... ACRYLIC POLYMER.
MATERIAL USE..... CONSTRUCTION INDUSTRY.

Section 02: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	%	Exposure Levels	C.A.S.#	LD/50, Route,Species	LC/50 Route,Species
ACRYLIC POLYMER	25-27	ACR TLV	ACR CAS	1 2 3	7 8 9
AMMONIA	0.1 MAX	25 mg/m3	7664-41-7	ORAL/RAT 350 mg/kg	NOT INDICATED
WATER	73-75	NOT INDICATED	7732-18-5	NOT INDICATED	NOT INDICATED

Section 03: HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY.....
SKIN CONTACT..... PROLONGED OR REPEATED SKIN CONTACT CAN CAUSE SLIGHT SKIN IRRITATION.
SKIN ABSORPTION..... UNLIKELY TO BE ABSORBED THROUGH SKIN.
INHALATION..... INHALATION OF VAPOR OR MIST CAN CAUSE HEADACHE, NAUSEA, IRRITATION OF NOSE, THROAT AND LUNGS.
INGESTION..... NOT LIKELY TO OCCUR.
EFFECTS OF ACUTE EXPOSURE..... THE INFORMATION SHOWN BELOW IS BASED ON THE TOXICITY PROFILES FOR A NUMBER OF ACRYLIC EMULSIONS THAT ARE COMPOSITIONALLY SIMILAR TO THIS PRODUCT. TYPICAL DATA ARE: ORAL LD50-RAT:>5000mg/Kg. DERMAL LD50-RABBIT:>5000mg/Kg. SKIN IRRITATION-RABBIT:PRACTICALLY NON-IRRITATING. EYE IRRITATION-RABBIT:INCONSEQUENTIAL IRRITATION.
EYE CONTACT..... DIRECT CONTACT WITH MATERIAL CAN CAUSE SLIGHT IRRITATION.

Section 04: FIRST AID MEASURES

EYE CONTACT..... FLUSH WITH COPIOUS AMOUNTS OF WATER FOR 15 MINUTES. IF IRRITATION PERSISTS CONSULT A PHYSICIAN.
SKIN CONTACT..... WASH WITH SOAP AND WATER. CONSULT A PHYSICIAN IF IRRITATION PERSISTS.
INHALATION..... MOVE TO FRESH AIR.
INGESTION..... IF SWALLOWED, SEEK MEDICAL ATTENTION. DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

PRODUCT: STONE MASON ACRYLI BOND**Section 05: FIRE FIGHTING MEASURES**

FLASH POINT (C), METHOD..... INCOMBUSTIBLE.
AUTO IGNITION TEMPERATURE..... NOT APPLICABLE.
LOWER FLAMMABLE LIMIT (% VOL)..... NOT APPLICABLE.
UPPER FLAMMABLE LIMIT (% VOL)..... NOT APPLICABLE.
EXTINGUISHING MEDIA..... USE EXTINGUISHING MEDIA FOR SURROUNDING FIRE.
HAZARDOUS COMBUSTION PRODUCTS. MATERIAL CAN SPLATTER ABOVE 100C/212F. POLYMER FILM CAN BURN.
SENSITIVITY TO MECHANICAL IMPACT..... NO.
SENSITIVITY TO STATIC DISCHARGE..... NO.

Section 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL..... CAUTION: KEEP SPILLS AND CLEANING RUNOFF OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER. KEEP SPECTATORS AWAY. FLOOR MAY BE SLIPPERY; USE CARE TO AVOID FALLING. CONTAIN SPILLS IMMEDIATELY WITH INERT MATERIALS (e.g. SAND, EARTH). TRANSFER LIQUIDS AND SOLID DIKING MATERIAL TO SEPARATE SUITABLE CONTAINERS FOR RECOVERY OR DISPOSAL. APPROPRIATE PROTECTIVE EQUIPMENT MUST BE WORN WHEN HANDLING A SPILL OF THIS MATERIAL. SEE SECTION 8 FOR RECOMMENDATIONS. IF EXPOSED TO MATERIAL DURING CLEAN-UP OPERATIONS, SEE SECTION 4 FOR ACTIONS TO FOLLOW.

Section 07: HANDLING AND STORAGE

HANDLING PROCEDURES..... MONOMER VAPORS CAN BE EVOLVED WHEN MATERIAL IS HEATED DURING PROCESSING OPERATIONS. SEE SECTION 8 FOR TYPES OF VENTILATION REQUIRED.
STORAGE NEEDS..... KEEP FROM FREEZING; MATERIAL MAY COAGULATE. THE MINIMUM RECOMMENDED STORAGE TEMPERATURE FOR THIS MATERIAL IS 1C/34F. THE MAXIMUM RECOMMENDED STORAGE TEMPERATURE FOR THIS MATERIAL IS 49C/120F.

Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT.....
EYE/TYPE..... USE CHEMICAL SPLASH GOGGLES (ANSI Z87.1 OR APPROVED EQUIVALENT).
RESPIRATORY/TYPE..... NONE REQUIRED IF AIRBORN CONCENTRATIONS ARE MAINTAINED BELOW THE TWA/TLS'S LISTED IN SECTION 2. FOR AIRBORNE CONCENTRATIONS UP TO 10 TIMES THE TWA/TLV'S LISTED IN SECTION 2 WEAR A MSHA/NIOSH APPROVED (OR EQUIVALENT) HALF-MASK, AIR-PURIFYING RESPIRATOR. AIR-PURIFYING RESPIRATORS SHOULD BE EQUIPPED WITH ORGANIC VAPOR CARTRIDGES.
GLOVES/ TYPE..... USE NEOPRENE GLOVES.
CLOTHING/TYPE..... ADEQUATE TO AVOID SKIN CONTACT.
FOOTWEAR/TYPE..... ADEQUATE TO AVOID SKIN CONTACT.
OTHER/TYPE..... EYE WASH FACILITY SHOULD BE CLOSE IN PROXIMITY.
VENTILATION REQUIREMENTS..... USE LOCAL EXHAUST VENTILATION WITH A MINIMUM CAPTURE VELOCITY OF 100 FT/MIN. (0.5 M/SEC.) AT THE POINT OF VAPOR EVOLUTION. REFER TO THE CURRENT EDITION OF INDUSTRIAL VENTILATION: A MANUAL OF RECOMMENDED PRACTICE PUBLISHED BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS FOR INFORMATION ON THE DESIGN, INSTALLATION, USE, AND MAINTENANCE OF EXHAUST SYSTEMS.

PRODUCT: STONE MASON ACRYLI BOND**Section 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE..... LIQUID.
ODOR..... AMMONIA ODOR.
SPECIFIC GRAVITY..... 1 TO 1.2.
VAPOR PRESSURE (mm Hg)..... 17 MM Hg @20C/68F WATER.
VAPOUR DENSITY (AIR=1)..... <1 WATER.
EVAPORATION RATE..... <1 WATER.
BOILING POINT (deg C)..... 100C/212F WATER.
pH..... 9.5 TO 10.
SOLUBILITY IN WATER (% W/W)..... DILUTABLE.
COEFFICIENT OF WATER/OIL NOT APPLICABLE.
DISTRIBUTION
FREEZING POINT..... 0 deg C.
VISCOSITY..... 50 CPS MAXIMUM.
MELTING POINT (deg C)..... 0C/32F WATER.

Section 10: STABILITY AND REACTIVITY

INCOMPATIBILITY..... THERE ARE NO KNOWN MATERIALS WHICH ARE INCOMPATIBLE WITH THIS PRODUCT.
REACTIVITY CONDITIONS ?..... THIS MATERIAL IS CONSIDERED STABLE. HOWEVER, AVOID TEMPERATURES ABOVE 177C/350F, THE ONSET OF POLYMER DECOMPOSITION. THERMAL DECOMPOSITION IS DEPENDENT ON TIME AND TEMPERATURE.
HAZARDOUS PRODUCTS OF PRODUCT WILL NOT UNDERGO POLYMERIZATION . THERMAL DECOMPOSITION DECOMPOSITION MAY YIELD ACRYLIC MONOMERS.

Section 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL..... SEE HAZARDOUS INGREDIENTS SECTION (2).
IRRITANCY OF MATERIAL..... REFER TO ROUTE OF ENTRY.
SENSITIZING CAPABILITY OF MATERIAL... IN SUSCEPTIBLE INDIVIDUALS.
CARCINOGENICITY OF MATERIAL..... THIS MATERIAL IS NOT CONSIDERED TO BE A CARCINOGEN.

Section 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL..... DISPOSE WASTE IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.
BIODEGRADABILITY..... NOT TESTED.

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... COAGULATE THE EMULSION BY THE STEPWISE ADDITION OF FERRIC CHLORIDE AND LIME. REMOVE THE CLEAR SUPERNATANT AND FLUSH TO A CHEMICAL SEWER. INCINERATE LIQUID AND CONTAMINATED SOLIDS IN ACCORDANCE WITH LOCAL, PROVINCIAL, AND FEDERAL REGULATIONS.

PRODUCT: STONE MASON ACRYLI BOND**Section 14: TRANSPORT INFORMATION**

T.D.G. CLASSIFICATION..... NOT REGULATED.

Section 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION..... NOT A CONTROLLED PRODUCT.

Section 16: OTHER INFORMATION

NOTICE..... CANUTEC EMERGENCY (613) 996-6666. THE DATA INCLUDED HEREIN ARE PRESENTED ACCORDING TO U.S.E HICKSON PRODUCTS LTD.'S PRACTICES CURRENT AT THE TIME OF PREPARATION HEREOF, ARE MADE AVAILABLE SOLELY FOR THE CONSIDERATION, INVESTIGATION AND VERIFICATION OF THE ORIGINAL RECIPIENTS HEREOF AND DO NOT CONSTITUTE A REPRESENTATION OR WARRANTY FOR WHICH U.S.E. HICKSON ASSUMES LEGAL RESPONSIBILITY. IT IS THE RESPONSIBILITY OF A RECIPIENT OF THIS DATA TO REMAIN CURRENTLY INFORMED ON CHEMICAL HAZARD INFORMATION, TO DESIGN AND UPDATE IT'S OWN PROGRAM AND TO COMPLY WITH ALL FEDERAL, PROVINCIAL AND LOCAL LAWS AND REGULATIONS APPLICABLE TO SAFETY, OCCUPATIONAL HEALTH, RIGHT-TO-KNOW AND ENVIRONMENTAL PROTECTION.

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PREPARATION DATE Mar10/04